

**In the Claims:** (strikethrough parts deleted and underlined parts added)

**Please delete Claims 10, 11 without prejudice or disclaimer.**

1. (Withdrawn)

2. (Withdrawn)

3. (Withdrawn)

4. (Withdrawn)

5. (Withdrawn)

6. (Withdrawn)

7. (Withdrawn)

8. (Withdrawn)

9. (Currently Amended) A method of producing a custom insole for footwear, comprising the steps of:

- (a) taking measurements of a foot;
- (b) creating a foot profile based upon said measurements;
- (c) transferring said foot profile to a manufacturing station; and
- (d) producing said custom insole from said foot profile;

wherein said step (d) producing said custom insole is comprised of the following steps:

- I. generating a positive impression within a mold based upon said foot profile
- II. injecting a liquid resin into said mold formed upon said positive impression; and
- III. removing said custom insole after said liquid resin has hardened.

wherein said step a. generating a positive impression is comprised of the following steps:

- a. manipulating a plurality of pins beneath a membrane within a forming unit of said mold to reflect said positive impression; and
- b. resetting said plurality of pins after said step (III) is completed.

10. (Canceled)

11. (Canceled)

12. (Currently Amended) The method of producing said custom insole for footwear of Claim ~~11~~ 9, wherein step (c) transferring said foot profile utilizes a global computer network.